|                 |          | li              | nde      | ex:     | of        | CI       | aiı          | ms              |          |          |          |                 | '       | -thh              | IICC     | 1110        | ** **    | ΙΟ.                 |          |                  |                  | ~        | וושט     | Cai     | it(5)     | ,               |          |          |
|-----------------|----------|-----------------|----------|---------|-----------|----------|--------------|-----------------|----------|----------|----------|-----------------|---------|-------------------|----------|-------------|----------|---------------------|----------|------------------|------------------|----------|----------|---------|-----------|-----------------|----------|----------|
| Index of Claims |          |                 |          |         |           |          |              |                 |          |          |          | 09/895,891      |         |                   |          |             |          |                     |          |                  | CALDERARO ET AL. |          |          |         |           |                 |          |          |
|                 |          |                 |          |         |           |          |              |                 |          |          |          |                 |         | Exar              |          |             | -        |                     |          |                  |                  |          | t U      |         |           | -               | Т        |          |
|                 |          |                 |          |         | Ш         |          |              |                 |          |          |          | •               | 1       |                   |          |             |          |                     |          |                  |                  |          |          |         |           |                 | İ        |          |
|                 | 1 13361  | 1 8 8 11        |          |         | 11818     |          |              |                 |          | 1        |          |                 | 1       | <b>Sue</b>        | n S      | <u> L</u> ı | J_       |                     | _        |                  |                  | 21       | 167      |         |           |                 |          |          |
|                 |          |                 |          |         |           |          |              |                 |          |          |          |                 |         |                   |          |             |          |                     |          |                  |                  |          |          |         | -         |                 |          |          |
|                 |          | ١,              |          |         | _         | . ]      |              |                 | (        | Thr u    | ıah n    | ume             | eral    | )                 |          | T           |          |                     |          |                  |                  |          |          |         |           |                 |          |          |
|                 |          | √               | Re       | ejec    | tec       | ן נ      |              | -               | •        |          | ance     |                 |         | <b>'</b>          |          | N           | No       | n-Ele               | ecte     | d                | A                |          | Αļ       | pe      | al        |                 |          |          |
|                 |          | Н               |          |         |           | $\dashv$ |              |                 |          |          |          |                 |         |                   | ı        | $\dashv$    |          |                     |          | -                |                  |          |          |         |           | $\dashv$        |          |          |
|                 |          | =               | Al       | low     | /ed       | ۱        |              | ÷               |          | Re       | estric   | ted             |         |                   |          | 1           | In       | terfer              | enc      | e                | 0                |          | Ob       | ect     | ted       |                 |          |          |
|                 |          |                 |          |         |           | ┙        |              |                 |          |          |          |                 |         |                   | l        | _L          |          |                     |          |                  |                  |          |          |         |           |                 |          |          |
|                 | aim      | т —             |          |         | D         | ate      |              |                 | $\neg$   |          | aim      |                 |         |                   | Date     |             |          |                     |          | Claim            | $\overline{}$    |          |          | Da      | to        |                 |          | 7        |
| 0"              |          | $\vdash$        | т        | Т       | Ť         | T        | T            | П               | $\dashv$ |          |          |                 | 1       | ΤŤ                |          | ,<br>T      | Т        | $\top$              | $\vdash$ |                  | +                | $\neg$   | Т        |         | Ϊ_        | П               | $\neg$   | - `      |
| ā               | Original | 1/16/05         |          |         |           |          |              |                 |          | Final    | Original |                 |         |                   |          |             | İ        |                     | -        | Original         |                  |          |          |         |           |                 |          |          |
| Final           | Ĕ        | 1/16            |          |         |           |          |              |                 |          | 造        | )rig     |                 |         |                   |          |             | -        |                     | li       | rinal<br>Vrigina | .                |          |          |         |           |                 |          |          |
|                 |          |                 | $\sqcup$ | _ _     | $\perp$   | $\perp$  | <u> </u>     | Ш               | $\Box$   |          |          |                 |         | Ш                 |          |             |          |                     |          | i                |                  |          |          |         |           |                 |          |          |
|                 | 1        | 1               | $\dashv$ | _       | $\bot$    | $\bot$   | $\bot$       | Ш               | $\Box$   | <u> </u> | 51       |                 | _       | $\sqcup$          | _        |             | $\perp$  | 44                  | _        | 101              |                  | 4        | 4        | _       | $\bot$    | Ш               | _        | 4        |
| -               | 3        | 1               | +        | +       | +         | +        | +            | $\vdash$        | $\vdash$ | -        | 52<br>53 | $\vdash \vdash$ | +       | +                 | $\dashv$ | $\dashv$    | +        | +                   | $\vdash$ | 102              |                  | $\dashv$ | +        | +       | +         | $\vdash \vdash$ | +        | $\dashv$ |
|                 | 4        | 7               | $\dashv$ | +       | +         | +        | +            | $\vdash$        | $\dashv$ | -        | 54       | $\vdash$        | +       | ┿┥                | $\dashv$ | $\dashv$    | +        | +                   | -        | 103              |                  | $\dashv$ | +        | +       | +         | H               | +        | $\dashv$ |
|                 | 5        | 1               |          | +       | $\dagger$ |          | +            | Н               | $\dashv$ |          | 55       | $\vdash$        | $\top$  | +                 | $\dashv$ | $\vdash$    | $\dashv$ | +-                  | $\vdash$ | 105              |                  | $\dashv$ | +        | +       | +         | H               | +        | 1        |
|                 | 6        | 1               |          | $\perp$ | I         |          |              |                 |          |          | 56       |                 |         |                   |          |             | 丁        |                     |          | 106              |                  |          | 丁        |         | $\perp$   |                 |          |          |
|                 | 7        | 1               | $\Box$   | I       | Ţ         |          | L            | П               |          |          | 57       |                 |         |                   |          | $\Box$      | $\prod$  | П                   |          | 107              |                  | $\Box$   | $\perp$  |         |           | П               | $\perp$  |          |
| <u> </u>        | 8        | 1               |          | 4-      | +         | - -      | $\bot$       | Н               | _        |          | 58       | -               | -       | 4                 |          |             |          |                     | $\perp$  | 108              | -                | $\dashv$ | _        | _       | ┿         | Ш               | -        | 4        |
| -               | 10       | 1               | $\dashv$ | ┿       | +         | +        | +            | Н               |          | -        | 59<br>60 | $\vdash$        | +       | +                 |          | $\dashv$    |          | +                   | -        | 109<br>110       |                  | +        | +        | +-      | +         | $\vdash$        | +        | -        |
| -               | 11       | 1               | $\dashv$ | +       | +         | +        | +            | $\vdash$        | _        |          | 61       |                 | +       | +                 | $\dashv$ | -           | $\dashv$ | +                   | $\vdash$ | 111              |                  | +        | $\dashv$ | +       | +         | H               | +        | ┨        |
|                 | 12       | 1               | _        | $\top$  | $\top$    | +        | ┪            | Ħ               |          |          | 62       | -               | ╁       | +                 | 一        | $\neg$      | $\dashv$ | +                   |          | 112              |                  | $\dashv$ | $\dashv$ | +       | $\dagger$ | Н               | $\top$   | 1        |
|                 | 13       | 1               |          |         |           |          |              |                 |          |          | 63       |                 |         |                   | ヿ        |             | $\top$   |                     |          | 113              |                  | $\Box$   | $\top$   |         | 1         | Ħ               |          | 1        |
|                 | 14       | 1               |          |         | $\perp$   | $\perp$  | $oxed{\bot}$ |                 |          |          | 64       | $\Box$          | $\perp$ |                   | $\Box$   | П           | $\Box$   |                     |          | 114              |                  | $\Box$   |          |         |           | Ш               |          |          |
| -               | 15       | 1               | _        | -       | 4         | +        | +            | Н               |          |          | 65       | $\dashv$        | -       | $\perp$           | _        | -           | $\perp$  | +                   | <u> </u> | 115              |                  | _        | $\perp$  | _       | 1         | Ш               | _        | 4        |
| -               | 16<br>17 | 1               | $\dashv$ |         | +         | +        | +            | $\vdash$        |          |          | 66<br>67 |                 | +       | +                 | $\dashv$ | $\vdash$    | +        | +                   | $\vdash$ | 116<br>117       |                  | $\dashv$ | $\dashv$ | ╬       | +         | ┝╌┤             |          | -        |
|                 | 18       | 1               | $\dashv$ | +       | +         | +        | +            | $\vdash$        | $\dashv$ | $\vdash$ | 68       |                 | +       | +                 | ᅱ        | +           | +        | +                   | $\vdash$ | 118              |                  | $\dashv$ | $\dashv$ | +       | +         | $\vdash$        | +        | ┪        |
|                 | 19       | 1               |          | $\top$  |           |          | 1            | П               |          |          | 69       |                 | $\top$  |                   |          |             | $\top$   |                     |          | 119              |                  | T        |          |         | 1         | 1               |          | 1        |
|                 | 20       | 1               | _        |         | Т         |          |              |                 |          |          | 70       |                 |         |                   | $\Box$   |             | $\Box$   |                     |          | 120              |                  |          |          |         |           |                 |          |          |
|                 | 21       | Ш               | _        | 4       | $\perp$   | _        | <u> </u>     | Ш               |          | <u> </u> | 71       |                 | _       | $\sqcup$          | _        | $\dashv$    | 4        | $\perp$             | <u> </u> | 121              | 1_               | _        | _        | 4       |           |                 |          | 4        |
|                 | 22<br>23 | Н               | -+       | +       | +         | +        | +            | Н               | -        | <u> </u> | 72<br>73 |                 | +       | +                 |          | $\dashv$    | +        | +                   | -        | 122<br>123       |                  | -        |          | -       | -         | ┉               |          | 4        |
|                 | 24       | H               | $\dashv$ | +       | +         | +        | ╁            | -               |          | -        | 74       | -+              | +       | +                 | $\dashv$ | $\dashv$    | +        | ++                  | +        | 124              |                  | $\dashv$ | +        | +       | +         | H               | +        | ┨        |
|                 | 25       | П               | $\dashv$ | $\top$  | $\top$    | +        | ╁            |                 |          |          | 75       |                 | T       | +                 | ᅱ        | 7           | $\top$   | $\dashv \dashv$     | $\vdash$ | 125              | T                | 十        | $\dashv$ | +       | $\dagger$ | H               | $\dashv$ | 1        |
|                 | 26       |                 |          |         |           |          | $\perp$      |                 |          |          | 76       |                 | $\perp$ |                   |          |             |          |                     |          | 126              |                  |          | ╧        | T       | L         |                 |          |          |
|                 | 27       | $\Box$          | $\Box$   |         | $\perp$   | $\perp$  | 1            | Ш               |          |          | 77       | $\perp$         |         | $\Box$            | ⅃        | $\Box$      | $\perp$  | $\Box$              |          | 127              |                  | I        | Ţ        |         | I         | П               | 工        | _        |
|                 | 28<br>29 | $\vdash$        | +        | +       | +         |          | $\perp$      | $\vdash$        |          | $\vdash$ | 78       | -               | -       | -                 |          | _           | +        | 44                  | $\vdash$ | 128              |                  | -        | - -      |         | +-        | $\sqcup$        | +        | 4        |
| -               | 30       | $\vdash$        | $\dashv$ | +       | +         | +        | +            | $\vdash$        | $\dashv$ | -        | 79<br>80 | +               | +       | +                 | $\dashv$ | $\dashv$    | +        | +                   | -        | 129<br>130       |                  | $\dashv$ | +        | +       | +         | $\vdash$        | +        | $\dashv$ |
|                 | 31       | $\vdash$        | $\dashv$ | +       | +         | +        | +-           |                 | $\dashv$ |          | 81       | +               | +       | +                 | $\dashv$ | $\dashv$    | +        | +                   | $\vdash$ | 131              |                  | -+       | +        | +       | +         | H               | +        | $\dashv$ |
|                 | 32       |                 |          | $\top$  | 十         | 1        | 1            | $\sqcap$        | $\neg$   |          | 82       | $\top$          | $\top$  | $\dagger \dagger$ | $\dashv$ | $\dashv$    | $\dashv$ | $\dashv \dashv$     | 上        | 132              |                  | +        | $\top$   | $\top$  | 1         | $\Box$          | +        | 1        |
|                 | 33       |                 |          |         |           |          |              |                 | <u> </u> |          | 83       |                 |         | П                 |          |             |          |                     |          | 133              |                  |          |          |         |           |                 |          | ]        |
|                 | 34       | Ш               | _        | _       | $\perp$   | $\perp$  |              | $\sqcup$        |          | <u></u>  | 84       | $\perp$         | $\perp$ | $\sqcup$          | _[       | $\perp$     |          | $\perp \perp$       | ·  _     | 134              |                  | $\perp$  | $\perp$  | 4       | $\perp$   |                 |          | J .      |
|                 | 35<br>36 | $\vdash \vdash$ | -        | _       | +         | +        | +            | $\vdash \vdash$ | $\dashv$ | -        | 85<br>86 | +               | +-      | +                 |          | $\dashv$    | -        | +                   | $\vdash$ | 135<br>136       |                  |          | +        | +       |           | $\vdash$        | +        | -        |
|                 | 37       | H               | $\dashv$ | +       | +         | +        | ╫            | $\vdash$        |          |          | 87       | +               | +       | +                 | $\dashv$ | $\dashv$    | +        |                     | $\vdash$ | 136              | $\vdash$         | $\dashv$ | +        | +       | +         | $\vdash$        | +        | ┨ .      |
|                 | 38       | $\vdash$        | $\dashv$ | +       | +         | +        | +            | H               | $\dashv$ | -        | 88       | +               | +       | $\forall$         | $\dashv$ | $\dashv$    | +        | +                   | $\vdash$ | 138              | Н                | $\dashv$ | +        | +       | †-        | $\vdash$        | +        | 1        |
|                 | 39       |                 | 丁        | 士       | 亅         |          |              |                 |          |          | 89       | _               | 士       |                   |          |             | _        |                     |          | 139              |                  |          | _        | $\top$  | $\top$    | $\Box$          | $\dashv$ |          |
|                 | 40       |                 | $\Box$   | $\perp$ | I         | $\perp$  | П            |                 | $\Box$   |          | 90       |                 | $\perp$ | П                 |          |             | $\Box$   | $\Box$              |          | 140              |                  |          | $\perp$  |         |           |                 | $\Box$   |          |
| <b> </b>        | 41       | $\sqcup$        | $\dashv$ | _       | $\perp$   | $\perp$  | $\perp$      | Ш               | _        |          | 91       |                 | 4       | $\sqcup$          |          | _           | $\perp$  | $\perp \perp \perp$ |          | 141              | $\Box$           | $\dashv$ | $\perp$  | $\perp$ | 4         | $\sqcup$        | $\perp$  | 4        |
|                 | 42       | $\vdash$        | -        |         | +         | +        | +            | $\vdash \vdash$ | $\dashv$ | <u> </u> | 92       |                 | 4-      | +                 | -        | -+          | 4        | +                   | $\vdash$ | 142              |                  | $\dashv$ | +        | +       | +-        | $\vdash$        | +        |          |
|                 | 43       | $\vdash$        | -+       | +       | +         | +        | ╁╌           | $\vdash$        | $\dashv$ | -        | 93<br>94 | +               | +       | H                 | -        | $\dashv$    | -        | $\dashv \dashv$     | -        | 143<br>144       | $\vdash$         | $\dashv$ | +        | +       | +         | $\vdash$        | +        | -        |
|                 | 45       | $\vdash$        | $\dashv$ | +       | +         | +        | +            | $\vdash \vdash$ | $\dashv$ |          | 95       | $\dashv$        | +       | H                 | +        | $\dashv$    | $\dashv$ | $\dashv \dashv$     | $\vdash$ | 145              | $\vdash$         | $\dashv$ | +        | +       | +         | $\vdash$        | +        | -        |
|                 | 46       |                 |          | _       | _         | _        |              |                 |          |          | 96       | _               | 丁       | $\Box$            |          |             | _        |                     |          | 146              |                  |          | $\top$   | 丁       | T         |                 | $\top$   |          |
|                 | 47       |                 |          | T       |           |          |              | П               |          |          | 97       | $\neg$          | $\top$  | $\Box$            | $\neg$   | $\dashv$    | $\top$   | $\neg \neg$         |          | 147              | $\top$           |          | 丁        | ┪       | $\top$    | $\Box$          | $\neg$   | 7        |